

**FIG. 1**

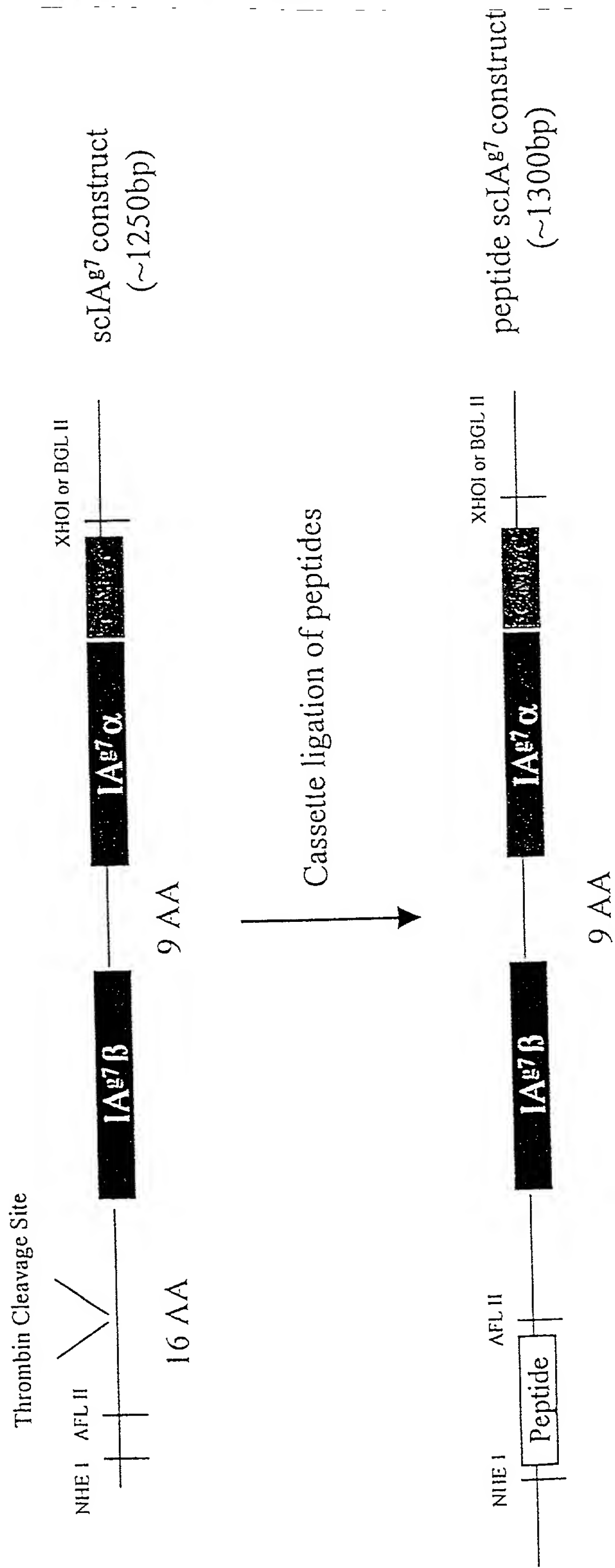
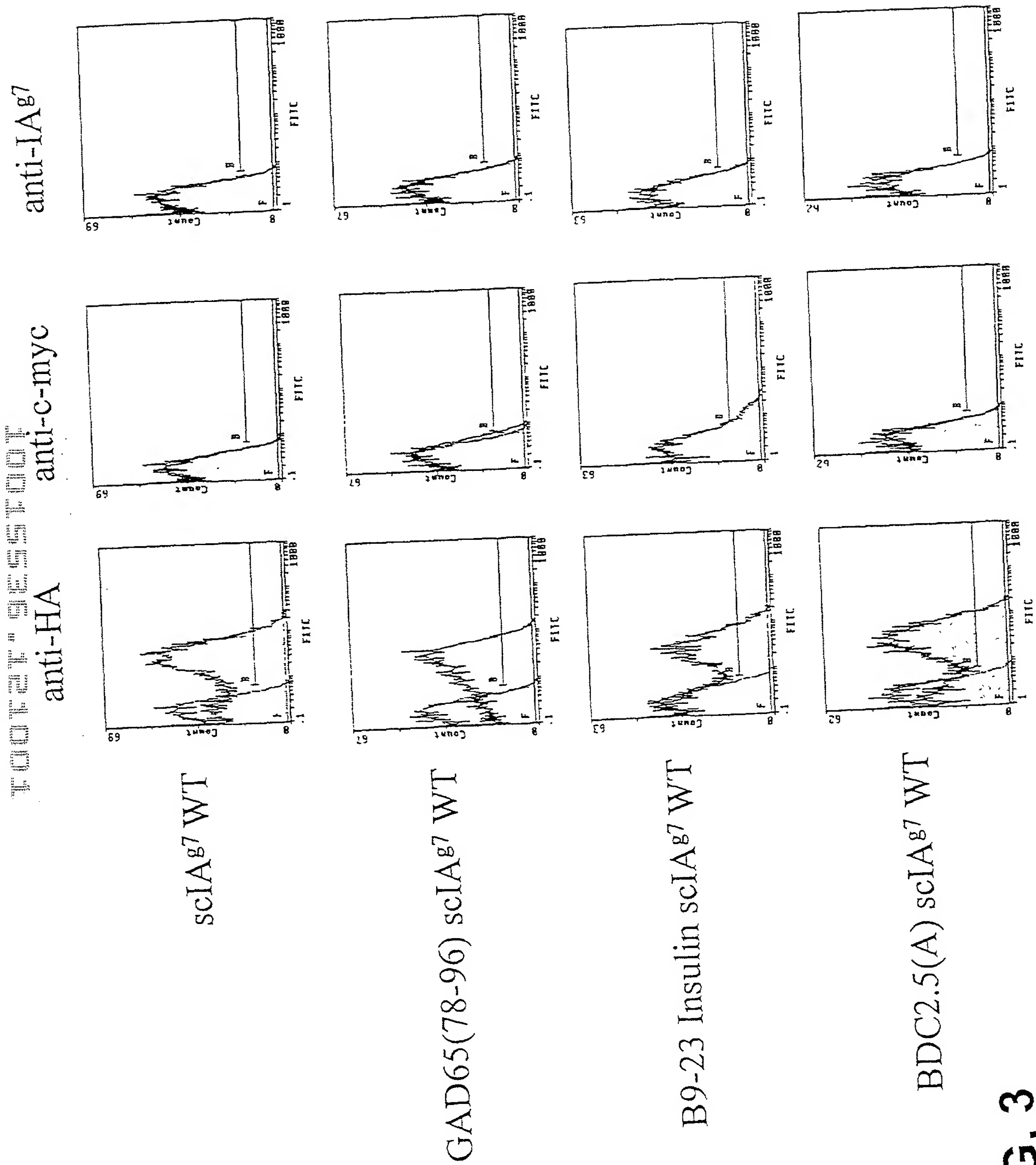


FIG. 2



103-00

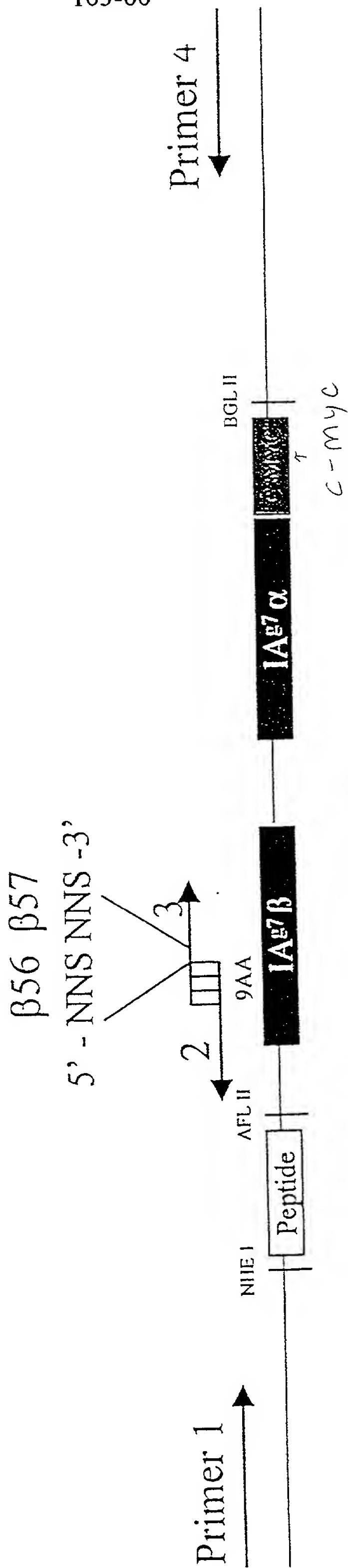


FIG. 4

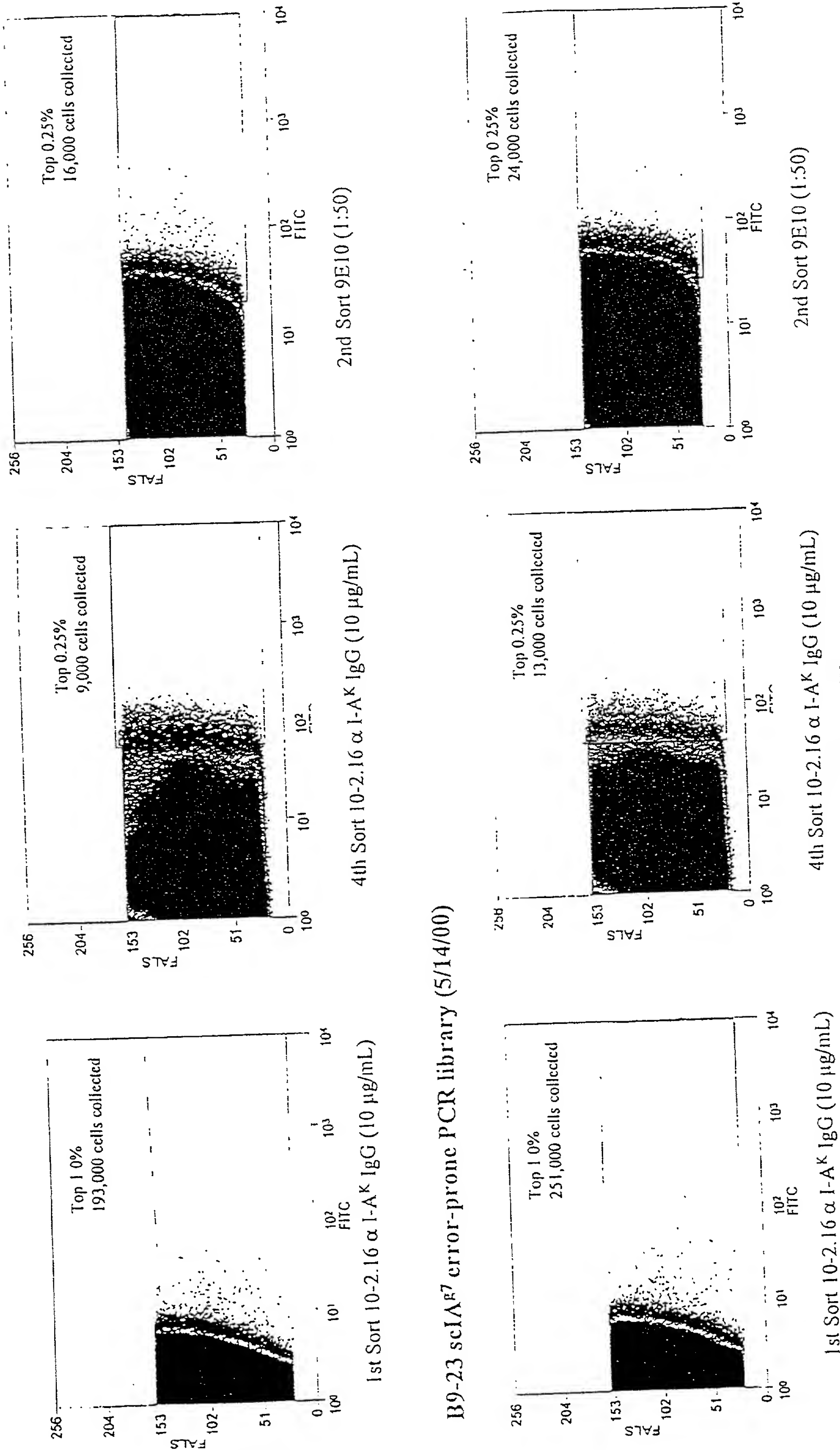


FIG. 5

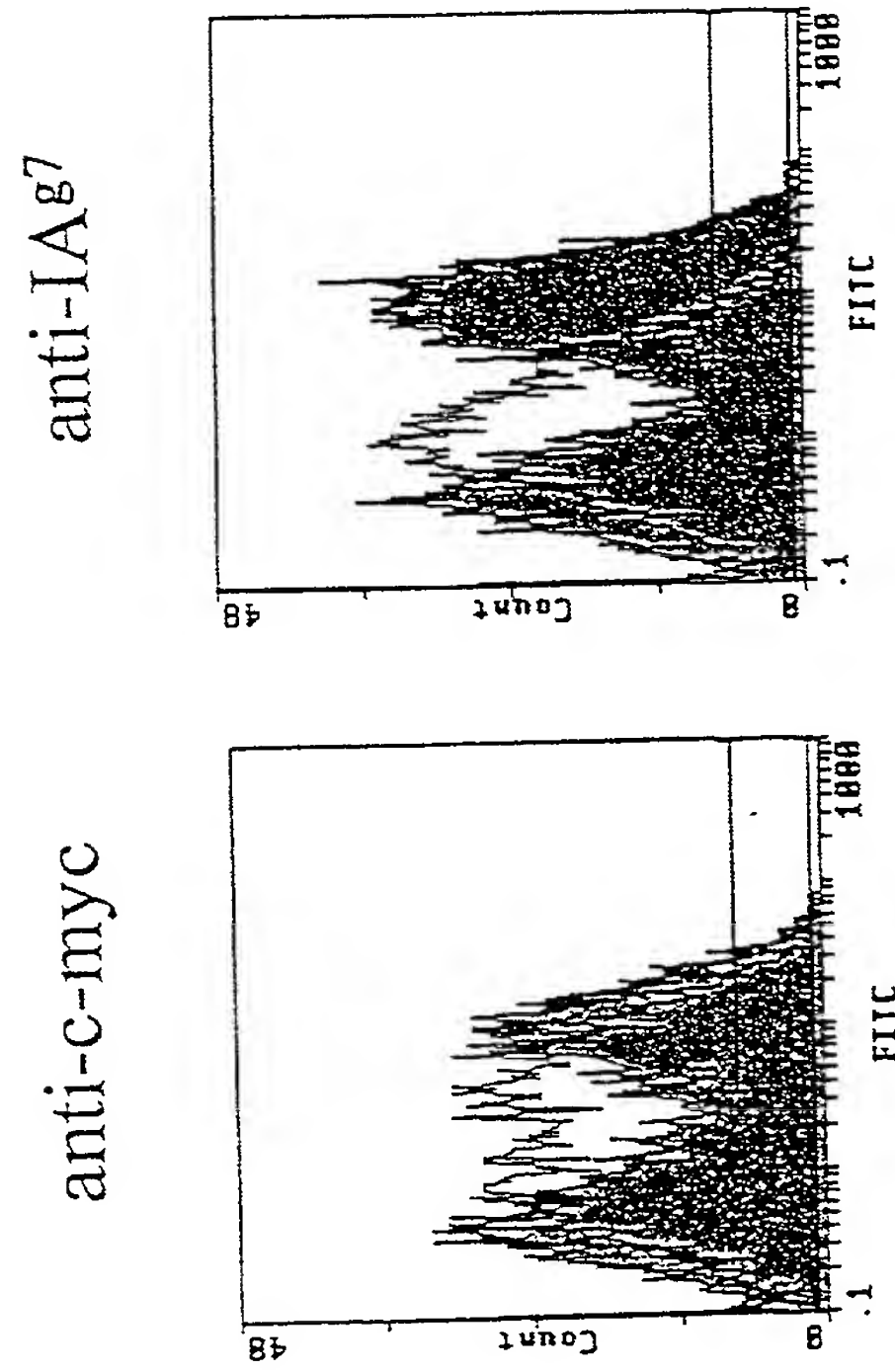


FIG. 6A

FIG. 6B

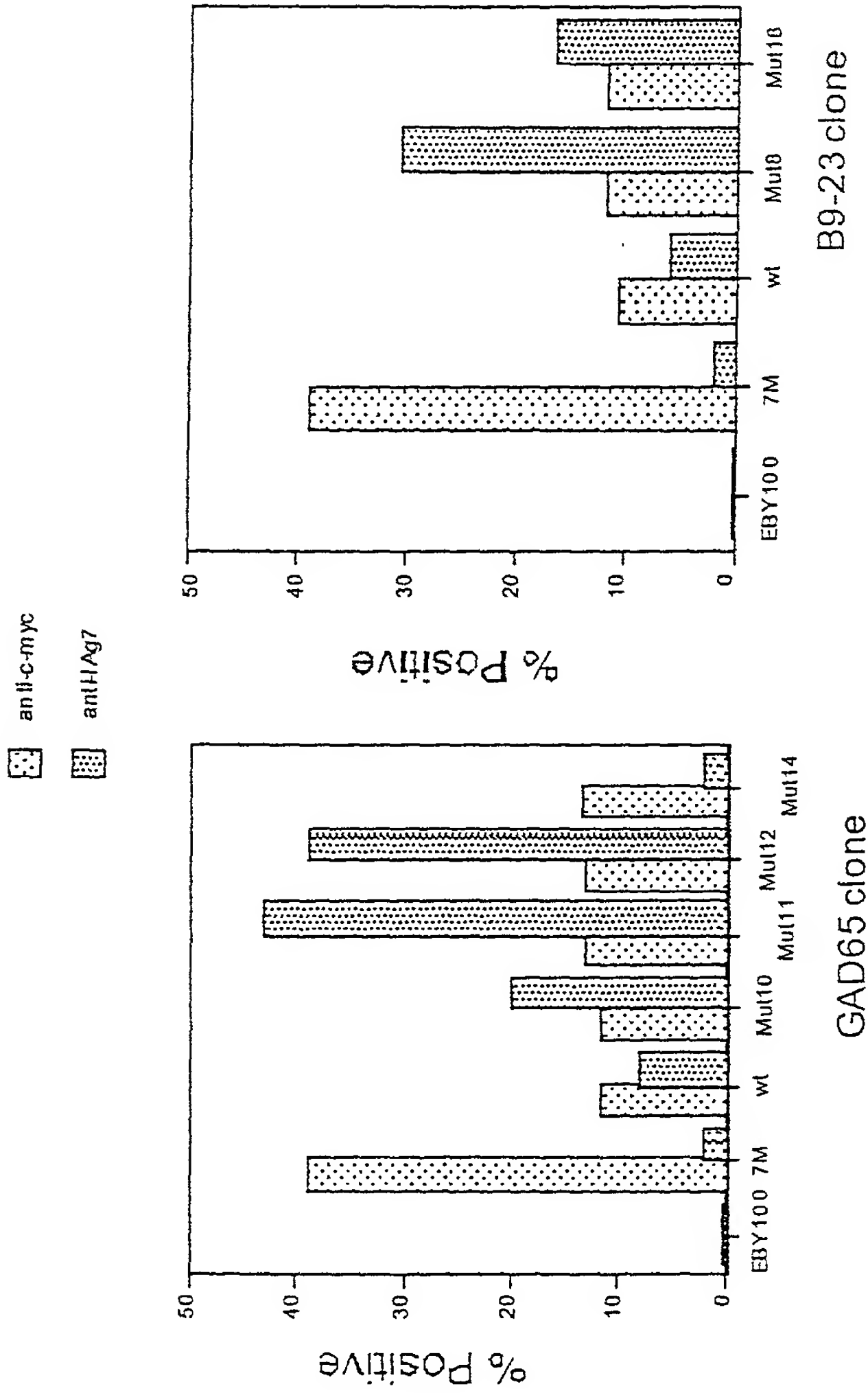


FIG. 7A

FIG. 7B



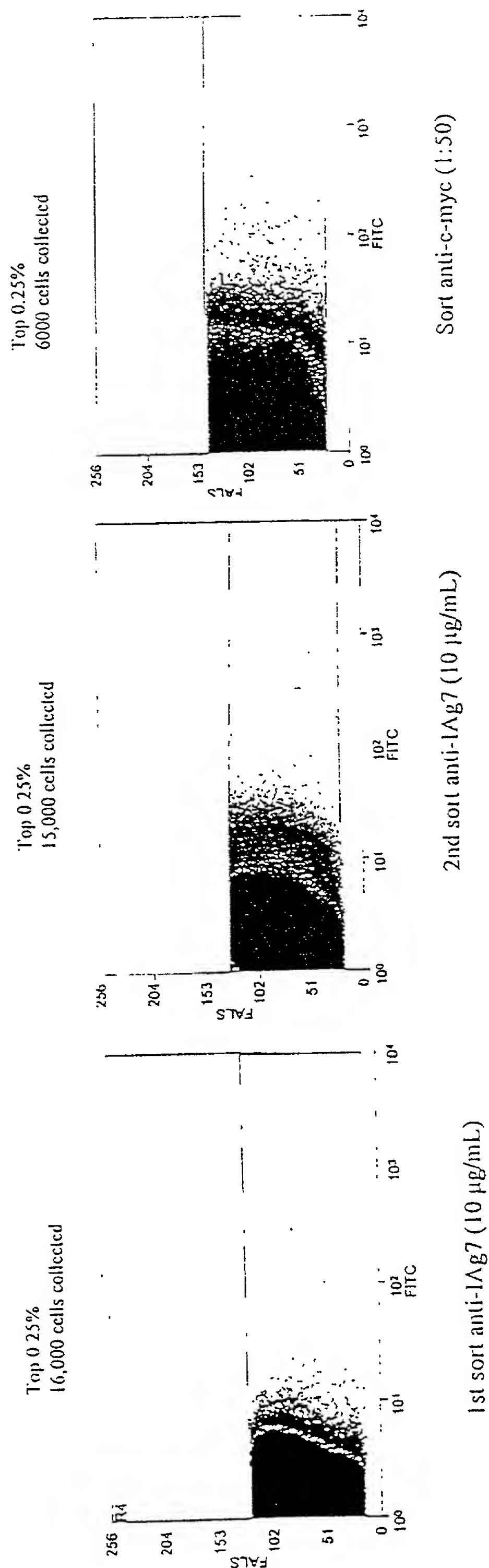


FIG. 9A

FIG. 9B

FIG. 9C

anti-c-myc anti-IAg⁷

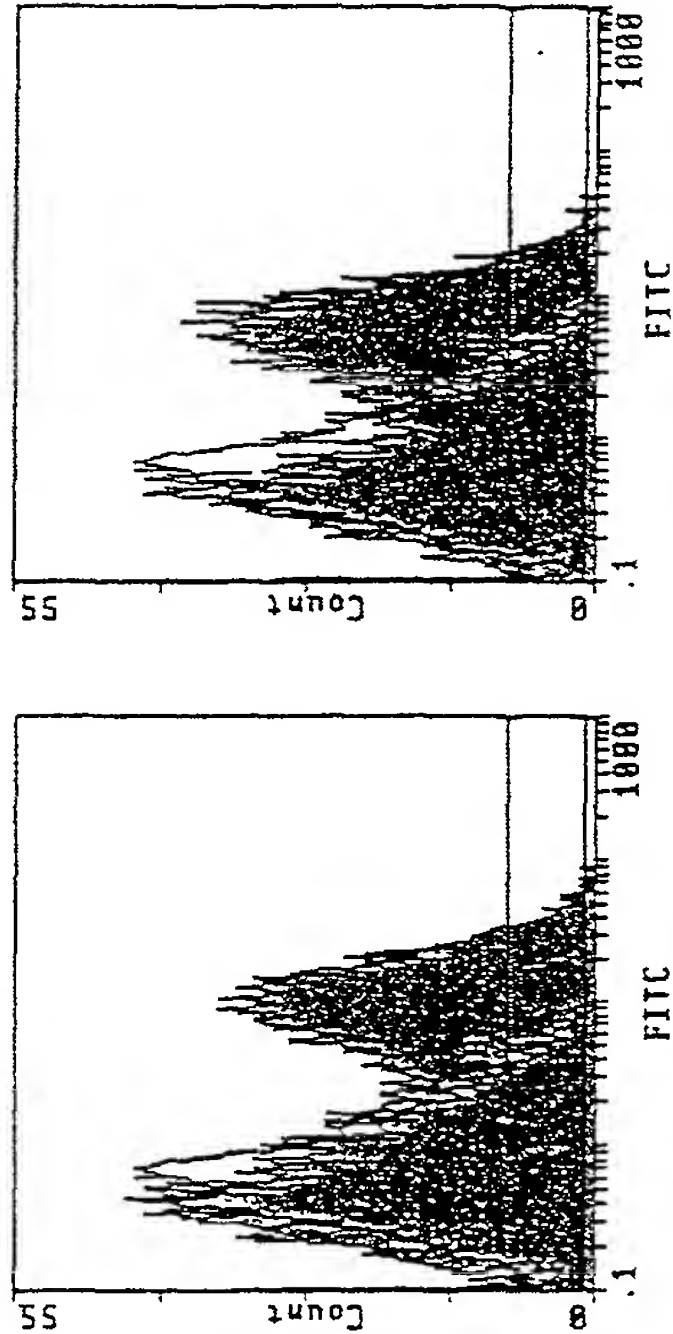
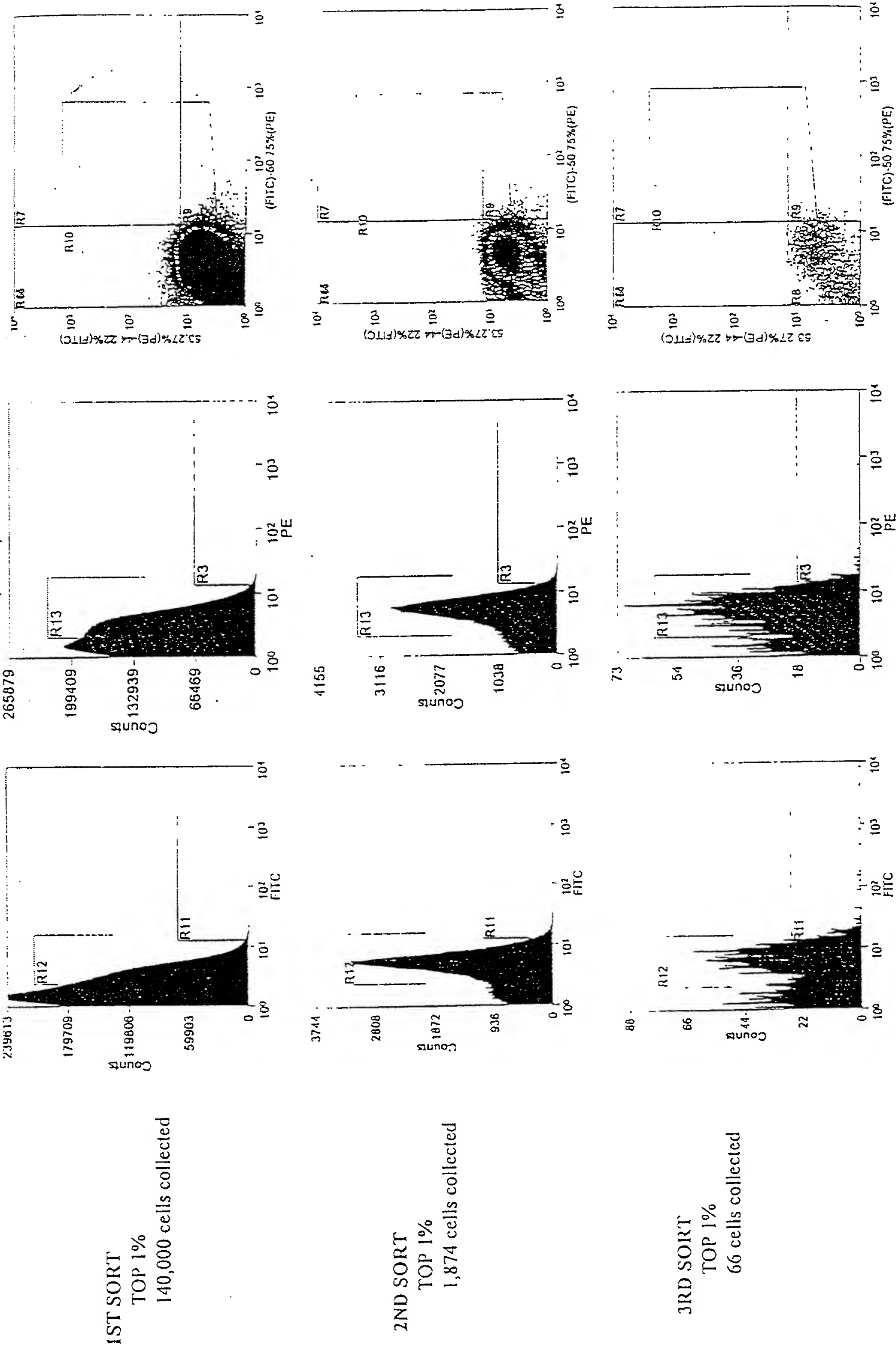


FIG. 10B

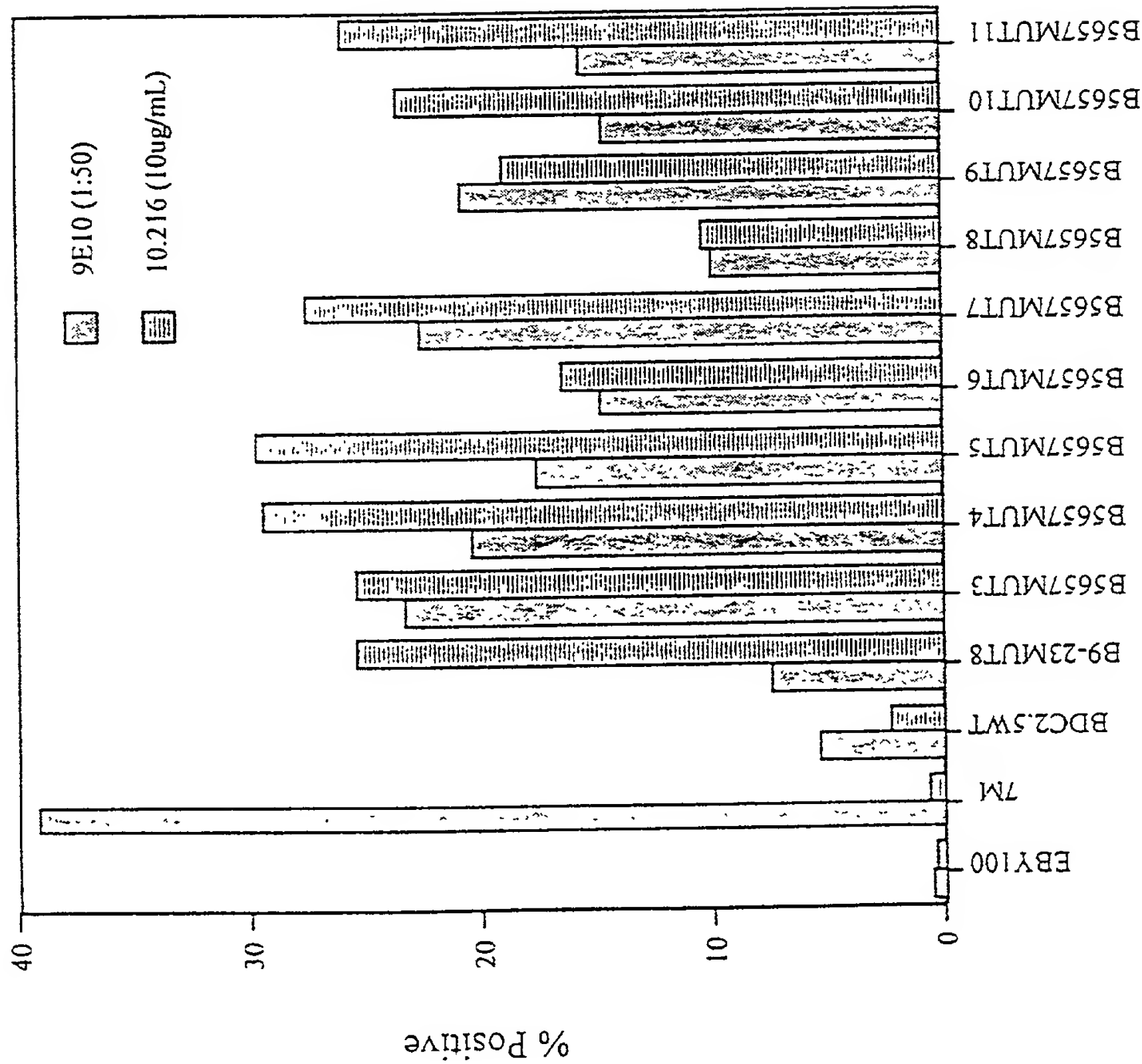
unshaded histogram = GAD65 scIAg⁷ WT
shaded histogram = GAD65 scIAg⁷ β5657 Mut2
Mutations in Mut2: Hβ56E; Sβ57V

FIG. 11



CLONE	β 56	β 57
I-A ^d WT	P	D
I-A ^{g7} WT ⁱ	H	S
β 5657Mut2*	E	V
β 5657Mut3	K	M
β 5657Mut4	E	L
β 5657Mut5	E	L
β 5657Mut6	G	M
β 5657Mut7	G	L
β 5657Mut8	R	L
β 5657Mut9	V	M
β 5657Mut10	E	L
β 5657Mut11	E	L

*isolated from GAD65 sclA^{g7} library



CLONE

FIG. 12

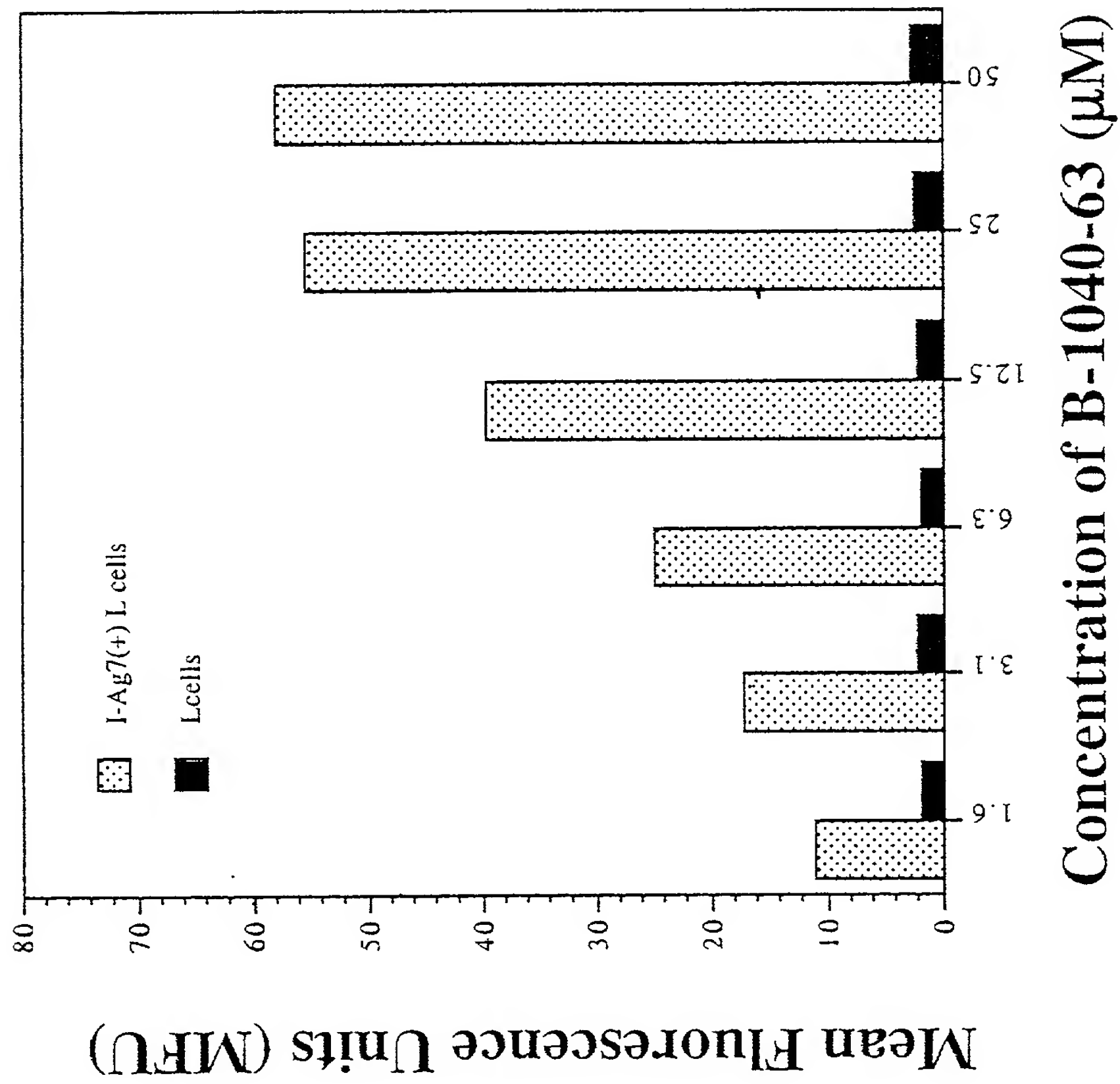


FIG. 13

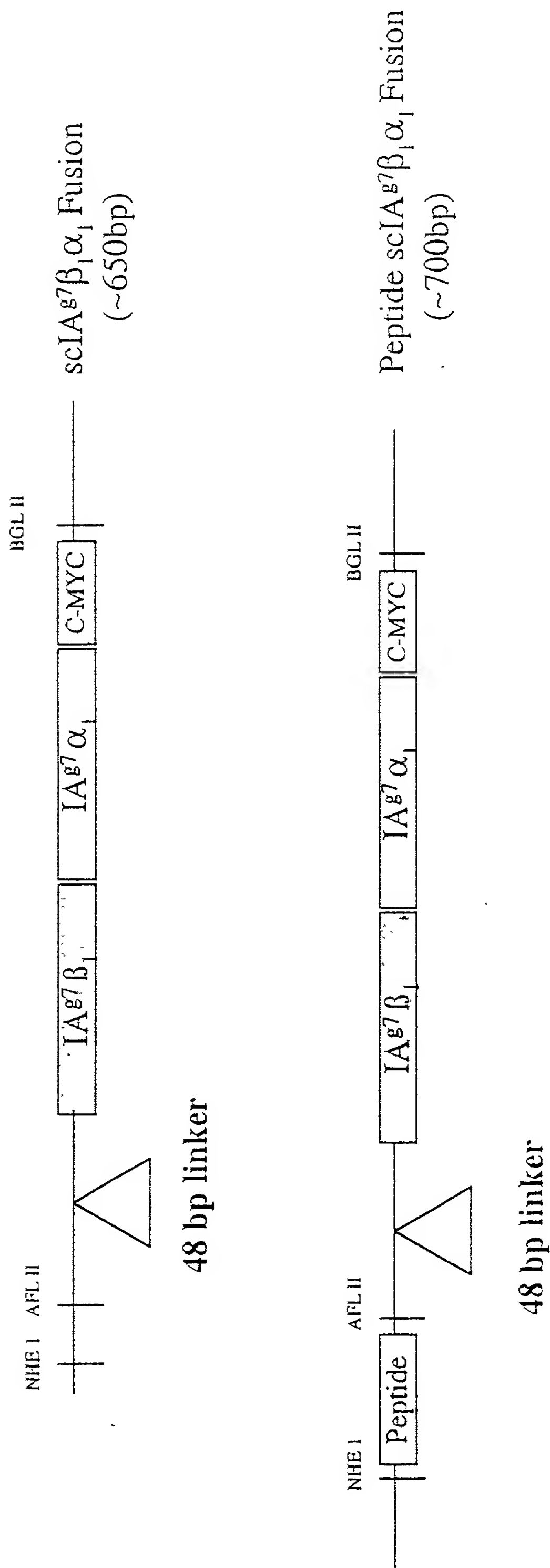


FIG. 14A & 14B